

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 78 | microchip with (conduct\$5 and pad\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/29 13:55 |
| S2 | 7 | electrospray with ((voltage or pump) and (assay\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/21 18:34 |
| S3 | 625 | electrospray with (voltage or pump) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/21 18:43 |
| S4 | 24409 | bernstein | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/21 18:44 |
| S5 | 5 | "6569620" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/22 10:28 |
| S6 | 0 | "200043534".URPN. | USPAT | OR | ON | 2004/09/22 10:38 |
| S7 | 47 | "3536449" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/23 11:52 |
| S8 | 129 | electrospray with (chip) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:03 |
| S9 | 0 | "20020110902".URPN. | USPAT | OR | ON | 2004/10/12 16:59 |
| S10 | 115 | electrospray with (microchip) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:03 |
| S11 | 138 | (ESI-MS or electrospray or nanospray) with (assay\$2 or multiwell or microtiter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:40 |
| S12 | 11400 | (ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 18:04 |
| S13 | 4123 | ((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) and (mov\$5 or automotive) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:46 |

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| S14 | 3687 | ((((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) and (mov\$5 or automotive)) and (pipette\$2 or probe\$2 or tube\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:51 |
| S15 | 3506 | (((((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) and (mov\$5 or automotive)) and (pipette\$2 or probe\$2 or tube\$2)) and samples | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:54 |
| S16 | 180 | (((((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) and (mov\$5 or automotive)) and (pipette\$2 or probe\$2 or tube\$2)) and samples) and ESI-MS | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 17:54 |
| S17 | 0 | ((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) < "2002" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 18:04 |
| S18 | 0 | ((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) < "2002. fd" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 18:05 |
| S19 | 0 | ((ESI-MS or electrospray or nanospray or (mass adj spectromet\$3) with (assay\$2 or multiwell or microtiter))) < "2002". fd. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/12 18:05 |
| S20 | 3919 | (electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 11:24 |
| S21 | 2180 | ((electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2)) and (multiwell or microtiter or assay\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:40 |
| S22 | 98 | "5355215" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 11:26 |
| S23 | 483 | ((electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2)) and (multiwell or microtiter or assay\$2)) and "422" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 11:38 |

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| S24 | 174 | ((electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2)) and (multiwell or microtiter or assay\$2)) and autosampler | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:08 |
| S25 | 9 | ("2534181" "3802782" "4004150" "4051731" "4840074" "5288514" "5449902" "5668370" "5756994").PN. | USPAT | OR | ON | 2004/10/13 12:09 |
| S26 | 5 | ("4667100" "4730111" "5412208" "5495108" "5559326").PN. | USPAT | OR | ON | 2004/10/13 12:10 |
| S27 | 11 | "5756994".URPN. | USPAT | OR | ON | 2004/10/13 12:10 |
| S28 | 33 | ("2534181" "3802782" "3863495" "3997298" "4004150" "4051731" "4055987" "4281246" "4606163" "4667100" "4794088" "4840074" "4842701" "5015845" "5122670" "5288514" "5306412" "5382793" "5393975" "5449902" "5516698" "5538897" "5605616" "5618693" "5644130" "5668370" "5756994" "5770860" "5825026" "5917184" "6066848" "6191418" "6350617").PN. | USPAT | OR | ON | 2004/10/13 12:11 |
| S29 | 468 | ((electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2)) and (multiwell or microtiter or assay\$2)) and (pipette\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:32 |
| S30 | 0 | PCT/EP00/03307 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:32 |
| S31 | 77 | "03307" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:35 |
| S32 | 19 | "0219891" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:36 |
| S33 | 2 | "10338899" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:36 |
| S34 | 4915 | Yazawa | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:37 |

| | | | | | | |
|-----|------|--|---|----|----|------------------|
| S35 | 814 | Yazawa and light | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:38 |
| S36 | 1035 | ((electrospray or nanospray or aspirat\$4 or ESI-MS) same ((mass adj spectrometer) or detector\$2)) and (multiwell or microtiter or assay\$2)) and apparatus | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 12:41 |
| S37 | 27 | "6066848".URPN. | USPAT | OR | ON | 2004/10/13 13:34 |
| S38 | 9 | ("2534181" "3802782" "4004150" "4051731" "4840074" "5288514" "5449902" "5668370" "5756994").PN. | USPAT | OR | ON | 2004/10/13 13:35 |
| S39 | 50 | "5498545" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 13:46 |
| S40 | 0 | nanospray with (detector\$2 and (multiwell or mirotiter or assay\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 14:30 |
| S41 | 0 | nanospray with ((detector\$2) and (multiwell or mirotiter or assay\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 14:31 |
| S42 | 2 | nanospray with (multiwell or mirotiter or assay\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/13 14:31 |
| S43 | 355 | WEYRAUCH | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 14:22 |
| S44 | 3 | "5443792".URPN. | USPAT | OR | ON | 2004/10/14 14:29 |
| S45 | 5 | "5582798".URPN. | USPAT | OR | ON | 2004/10/14 14:44 |
| S46 | 355 | weyrauch | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:15 |
| S47 | 0 | weyrauch and (electrospray\$3 or nanospray or (mass adj spetrometer) or ESI-MS) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 15:54 |
| S48 | 12 | ("3526127" "4055986" "4573115" "4833622" "4838098" "4866594" "4935875" "5220517" "5270945" "5296911" "5351118" "5369484").PN. | USPAT | OR | ON | 2004/10/14 16:28 |
| S49 | 11 | "5517427".URPN. | USPAT | OR | ON | 2004/10/14 16:30 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S50 | 0 | "6463969".URPN. | USPAT | OR | ON | 2004/10/14 18:05 |
| S51 | 15 | ("3266322" "4210724" "4347875" "4540549" "4756201" "4837159" "4871682" "5270210" "5506142" "5536471" "5658799" "5721141" "5823744" "6076565" "6098852").PN. | USPAT | OR | ON | 2004/10/14 18:05 |
| S52 | 1 | "5270210".PN. | USPAT | OR | ON | 2004/10/14 18:13 |
| S53 | 0 | "6474181".URPN. | USPAT | OR | ON | 2004/10/14 18:13 |
| S54 | 0 | "6474181".URPN. | USPAT | OR | ON | 2004/10/14 18:13 |
| S55 | 295 | ((test adj tube\$2) or assay\$2 or mutiwell\$2 or microtiter) same (liquid with sensor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:43 |
| S56 | 0 | "20020147317".URPN. | USPAT | OR | ON | 2004/10/14 18:36 |
| S57 | 161 | ((test adj tube\$2) or assay\$2 or mutiwell\$2 or microtiter) same (liquid with sensor) and bottom | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:44 |
| S58 | 131 | (assay\$2 or mutiwell\$2 or microtiter) same (liquid with sensor) and bottom | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:44 |
| S59 | 309 | (assay\$2 or mutiwell\$2 or microtiter) same (liquid with (sensor or detector)) and bottom | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:44 |
| S60 | 246 | ((assay\$2 or mutiwell\$2 or microtiter) same (liquid with (sensor or detector)) and bottom) and auto\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/14 18:45 |
| S61 | 70 | "4265855" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/22 14:14 |
| S62 | 2 | "20020135753" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/10/22 14:14 |
| S63 | 3 | ("6127680").URPN. | USPAT | OR | OFF | 2005/04/11 10:37 |
| S64 | 16 | ("2534181" "3802782" "4004150" "4051731" "4840074" "5288514" "5449902" "5668370" "5756994" "5792663" "5798032" "5993633" "6066848" "6127680" "6191418").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/11 10:39 |
| S65 | 31 | ("5993633").URPN. | USPAT | OR | OFF | 2005/04/11 10:40 |

| | | | | | | |
|-----|------|--|------------------------------|----|-----|------------------|
| S66 | 0 | ("6863790").URPN. | USPAT | OR | OFF | 2005/04/11 10:49 |
| S67 | 2 | ("6563111").URPN. | USPAT | OR | OFF | 2005/04/11 10:59 |
| S68 | 1819 | electrospray and (automat\$4 or robot\$3) | USPAT | OR | OFF | 2005/04/11 10:59 |
| S69 | 315 | S68 and (chip) | USPAT | OR | OFF | 2005/04/11 10:59 |
| S70 | 84 | ("3568735" "3776700" "3807235" "3999689" "4461328" "4548245" "4554839" "4725677" "4731335" "4779467" "4798706" "4844298" "4877745" "4882127" "4902481" "4925629" "4931400" "4948442" "4952518" "5000921" "5023187" "5045694" "5047215" "5077210" "5108703" "5118605" "5143854" "5171989" "5195657" "5210412" "5221518" "5262128" "5288644" "5312233" "5338688" "5399501" "5439649" "5457041" "5498545" "5503980" "5547835" "5580434" "5580733" "5589136" "5599500" "5601982" "5605662" "5605798" "5609907" "5622824" "5631134" "5670322" "5670381" "5677195" "5688642" "5691141" "5700642" "5716825" "5743960" "5746373" "5756050" "5757392" "5770860" "5795714" "5807522" "5828063" "5830655" "5864137" "5869240" "5869242" "5872010" "5885775" "5894063" "5900481" "5927547" "5981185" "5985356" "6024925" "6040193" "6079283" "6083762" "6110426" "6121048" "6136269").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 14:32 |
| S71 | 87 | ("5045694").URPN. | USPAT | OR | OFF | 2005/04/11 11:17 |

| | | | | | | |
|-----|----|--|---|----|-----|------------------|
| S72 | 50 | ("3813544" "4204117" "4214159" "4243887" "4442354" "4725677" "4740692" "4778993" "4920264" "5045694" "5062935" "5118605" "5118937" "5135870" "5202561" "5210412" "5300774" "5373156" "5376788" "5380833" "5381008" "5382793" "5498545" "5503980" "5504326" "5510613" "5547835" "5580733" "5591969" "5605798" "5622824" "5625184" "5627369" "5631134" "5641959" "5654545" "5691141" "5700642" "5742049" "5760393" "5770860" "5777324" "5777325" "5795714" "5830655" "5864137" "5869242" "5885775" "5900481" "6111251").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/11 11:25 |
| S73 | 1 | "60264501" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/21 12:11 |

| | | | | | | |
|-----|-----|---|------------------------------|----|-----|------------------|
| S75 | 129 | ("20010001455" "20010001460" "20020123153" "20020158027" "3150442" "3538744" "3669881" "3738759" "3915652" "3921916" "4007464" "4056324" "4092166" "4209696" "4356722" "4366118" "4369664" "4403234" "4437103" "4459267" "4480259" "4489259" "4490728" "4590482" "4593728" "4683042" "4708782" "4728392" "4733823" "4842701" "4879097" "4891120" "4908112" "4983038" "4999493" "5015845" "5110745" "5126022" "5132012" "5162650" "5180480" "5182366" "5245185" "5269900" "5283036" "5294426" "5296114" "5296375" "5302533" "5304487" "5306621" "5316680" "5328578" "5331159" "5332481" "5334310" "5338427" "5349186" "5374834" "5376252" "5387329" "5401376" "5401963" "5415841" "5421980" "5423964" "5427946" "5429734" "5431807" "5445324" "5453185" "5481110" "5486335" "5493115" "5495108" "5498392" "5501883" "5501893" "5505832" "5512131" "5512451" "5523566" "5536939" "5541408" "5563639" "5572023" "5608217" "5640010" "5641400" "5644131" "5647979" "5652427" "5705813" "5716825" "5747815" "5750988" "5779868" "5789746" "5800692" "5804022" "5856082" "5872010" "5876957" "5877495" "5917184" "5917185" "5969351" "5969353" "5972187" "5993633" "5994696" "6005245" "6007775" "6032876" "6060705" "6066848" "6068749" "6110343" "6114693" "6171875" "6207954" "6245227" "6394942").PN. OR ("6417510" "6432311" "6461516" "6464866").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 13:14 |
|-----|-----|---|------------------------------|----|-----|------------------|

| | | | | | | |
|-----|------|---|--|----|-----|------------------|
| S76 | 16 | ("4298795" "4300044" "4861988" "4935624" "4977785" "5122670" "5130538" "5170052" "5170053" "5223226" "5306412" "5306910" "5349186" "5376789" "5423964" "5559326").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 13:30 |
| S77 | 53 | ("4298795").URPN. | USPAT | OR | OFF | 2005/04/21 13:35 |
| S78 | 30 | ("3953792" "4049200" "4284496" "4298795" "4301970" "4318028" "4501965" "4640140" "4748043" "4749125" "4762975" "4765539" "4794086" "4826703" "4842701" "4846407" "4861988" "4935624" "4977320" "5015845" "5157260" "5247842" "5306412" "5326598" "5412208" "5415841" "5609921" "5828062" "5969353" "6110343").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 13:42 |
| S79 | 0 | ("2002/0110902").URPN. | USPAT | OR | OFF | 2005/04/21 14:02 |
| S80 | 9 | "6627882" | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 14:44 |
| S81 | 2708 | (automat\$3 or robot\$2) and (electrospray) and (detector or spectrometer) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 14:45 |
| S82 | 1025 | S81 and (voltage) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/21 16:33 |
| S83 | 419 | (automat\$5 or robot\$3) and "422"/\$ and (sample near source) and (probe or nozzle) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 16:34 |
| S84 | 1 | S83 and (suck near spit) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 16:35 |
| S85 | 1 | "09253221" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/21 16:35 |
| S86 | 8 | ("4591568").URPN. | USPAT | OR | OFF | 2005/04/21 16:39 |
| S87 | 4 | ("5296194").URPN. | USPAT | OR | OFF | 2005/04/21 16:40 |
| S88 | 43 | ("4730111").URPN. | USPAT | OR | OFF | 2005/04/21 16:42 |
| S89 | 27 | "5229074" | US-PGPUB; USPAT; USOCR; EPO; JPO. | OR | OFF | 2005/04/22 13:02 |

| | | | | | | |
|-----|-----|---|---|----|-----|------------------|
| S90 | 1 | "09746866" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/04/22 14:02 |
| S91 | 2 | ((probe or nozzle) near4 insulat\$2) and "422"/\$ and electrospray | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2005/04/22 14:03 |
| S92 | 21 | ("20020043463" "20020053652" "20020101170" "20030049177" "4926056" "5223226" "5331159" "5423964" "5486337" "5541473" "5872010" "5994696" "6043487" "6114693" "6140640" "6224193" "6245227" "6362574" "6394942" "6454938" "6459206").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/04/22 14:07 |
| S93 | 419 | (automat\$5 or robot\$3) and "422"/\$ and (sample near source) and (probe or nozzle) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/22 14:08 |
| S94 | 12 | S93 and (probe same insulat\$2) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/22 16:29 |
| S95 | 670 | (robot\$2 or automat\$4) and (analyzer) and pipette and "422"/\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/22 16:32 |
| S96 | 0 | S95 and (sample near source) and tip%2 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/22 16:32 |
| S97 | 48 | S95 and (sample near source) and tip\$2 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/22 18:02 |
| S98 | 1 | "09737675" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/04/25 11:10 |